

Technical Information:

Date: Dec 2006
Subject: GALA Pump
Topic : Stroke Length Calibration

Factory Stroke Length Calibration Of The GALA Pump

This is done without a liquid end on the pump.

1. Remove the safety diaphragm.
2. Install the micro gauge.
3. Set Stroke length knob to 20% and pump frequency to 60 SPM.
4. Adjust the stroke length until the deflections read 1.28 on the scale.
(cold pump 1.28 +/- 0.03)
5. This is the real 20% stroke length position.
6. Set the pointer to 20%.
7. Adjust stroke length to 100%, this should show 0.00 on the gauge.
8. Program the pump with SCANGala so the pump shows 100% electronically as well.
9. Install the liquid end.
10. Test the pump for capacity at rated pressure, it should produce -5% to +15 % of the rated capacity.